

Data Path : Z:\HPCHEM1\BNA_F\Data\BF011215\
 Data File : BF076815.D
 Acq On : 12 Jan 2015 18:56
 Operator : IZ / TP
 Sample : G1042-07
 Misc : S
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-GRAB-3

Quant Time: Jan 13 00:47:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

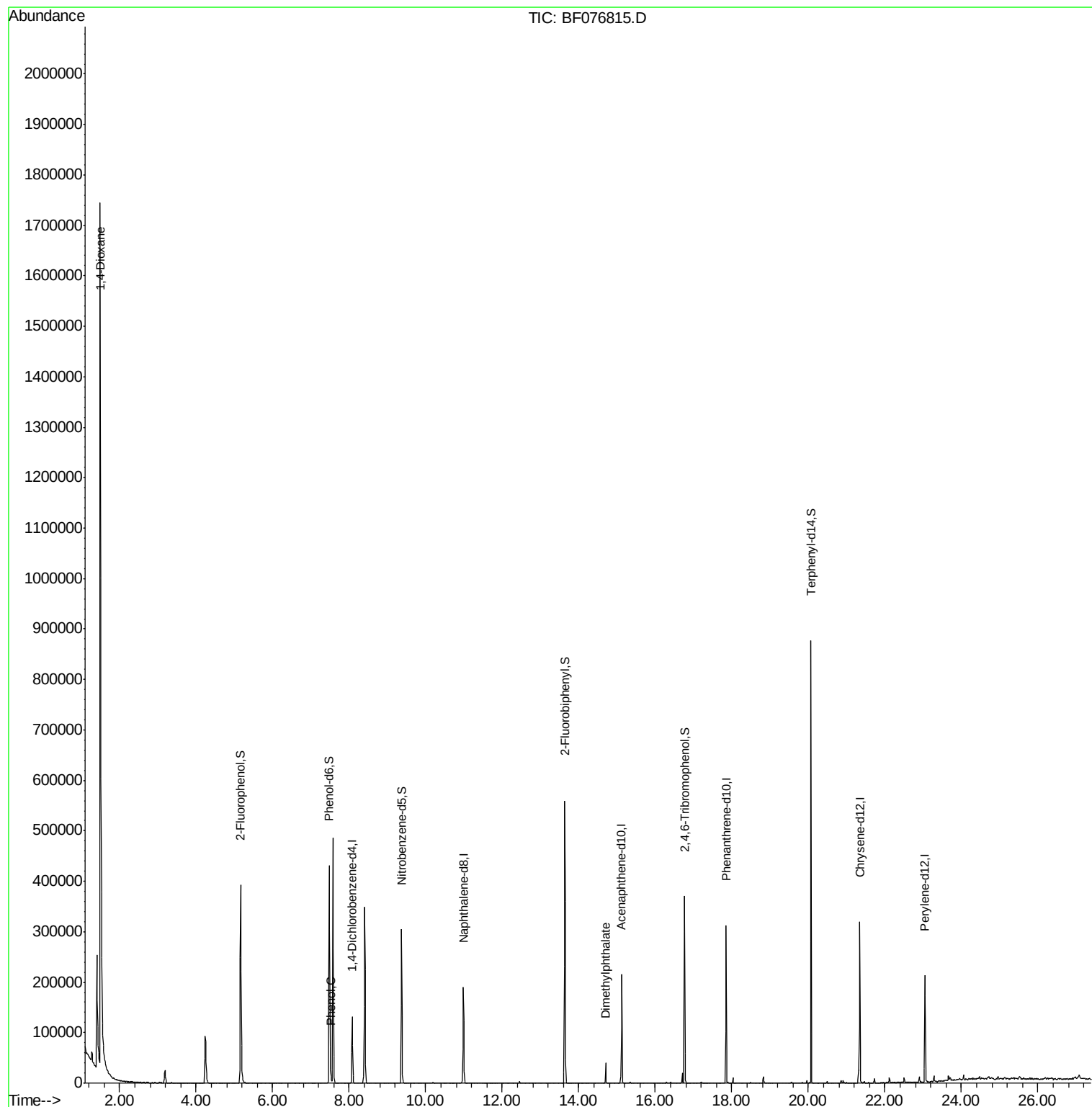
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33876	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	146392	20.00	ng	-0.01
38) Acenaphthene-d10	15.12	164	80979	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	136071	20.00	ng	0.00
75) Chrysene-d12	21.34	240	128014	20.00	ng	-0.01
86) Perylene-d12	23.04	264	116248	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	189770	93.48	ng	-0.01
7) Phenol-d6	7.48	99	245244	95.96	ng	-0.02
23) Nitrobenzene-d5	9.37	82	147005	55.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	54875	81.19	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	293377	53.32	ng	-0.01
78) Terphenyl-d14	20.07	244	291267	49.96	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.49	88	71976	83.14	ng	Qvalue # 14
10) Phenol	7.51	94	5784	2.08	ng	95
49) Dimethylphthalate	14.70	163	28803	4.89	ng	99

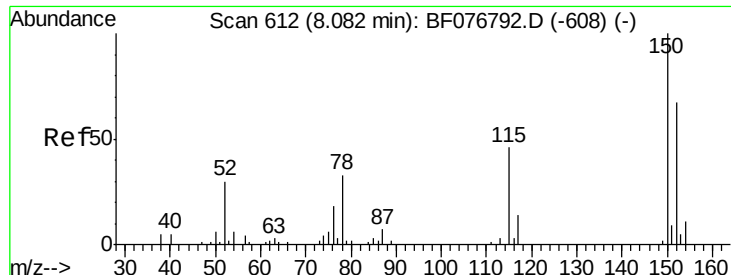
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF011215\
Data File : BF076815.D
Acq On : 12 Jan 2015 18:56
Operator : IZ / TP
Sample : G1042-07
Misc : S
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB-3

Quant Time: Jan 13 00:47:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF076815.D

Acq: 12 Jan 2015 18:56

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-GRAB-3

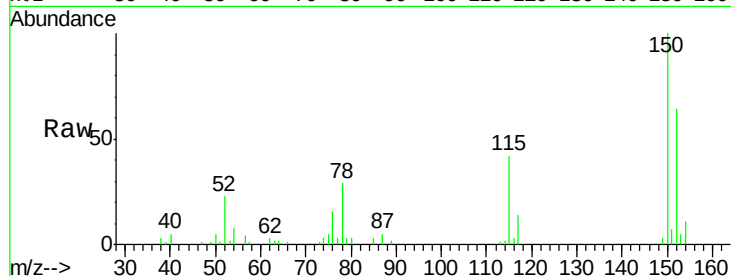
Tgt Ion:152 Resp: 33876

Ion Ratio Lower Upper

152 100

150 155.8 119.5 179.3

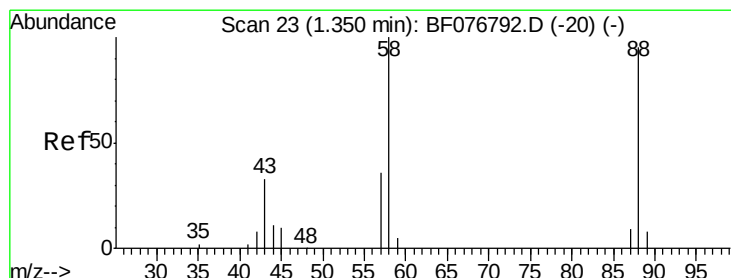
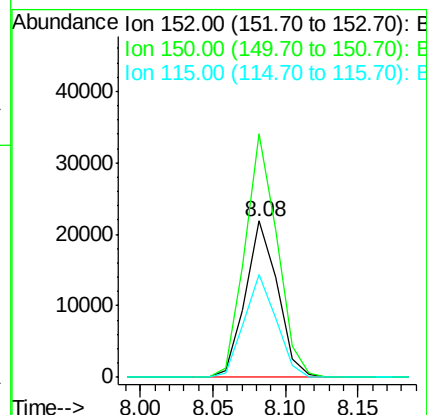
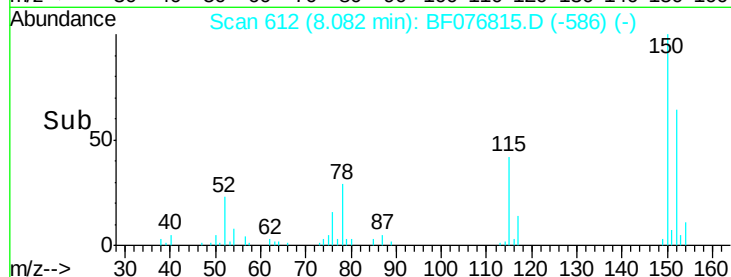
115 65.5 54.6 81.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 83.14 ng

RT: 1.49 min Scan# 35

Delta R.T. 0.14 min

Lab File: BF076815.D

Acq: 12 Jan 2015 18:56

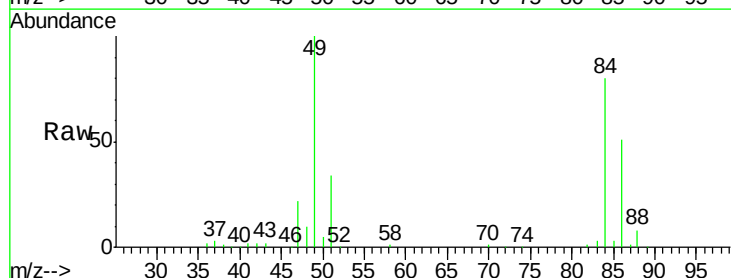
Tgt Ion: 88 Resp: 71976

Ion Ratio Lower Upper

88 100

58 0.0 72.4 108.6#

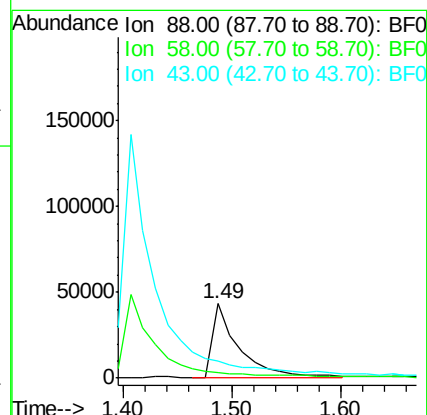
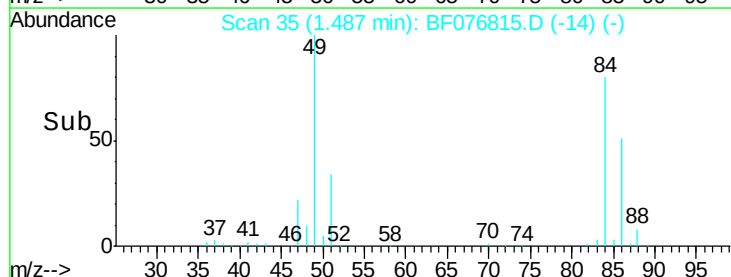
43 0.0 24.0 36.0#

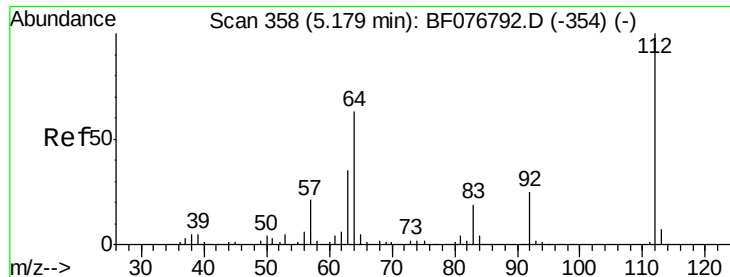


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 93.48 ng

RT: 5.17 min Scan# 357

Delta R.T. -0.01 min

Lab File: BF076815.D

Acq: 12 Jan 2015 18:56

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-GRAB-3

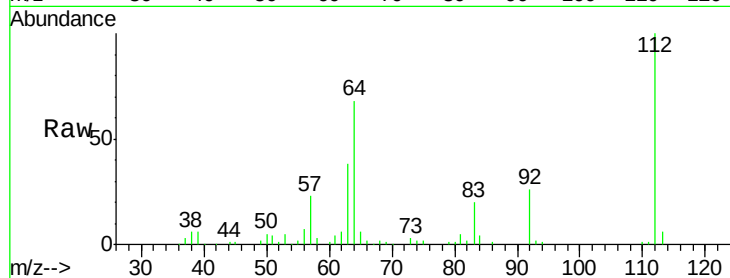
Tgt Ion: 112 Resp: 189770

Ion Ratio Lower Upper

112 100

64 67.7 50.2 75.4

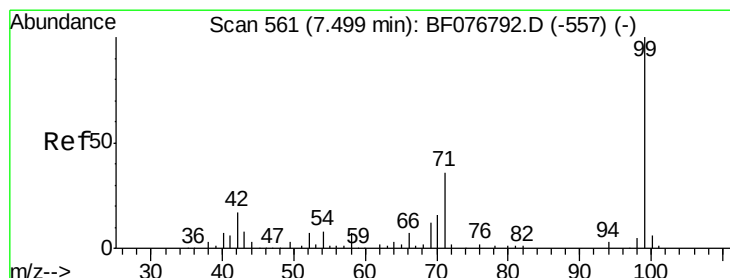
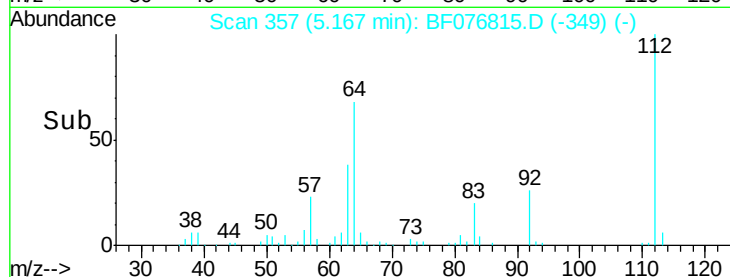
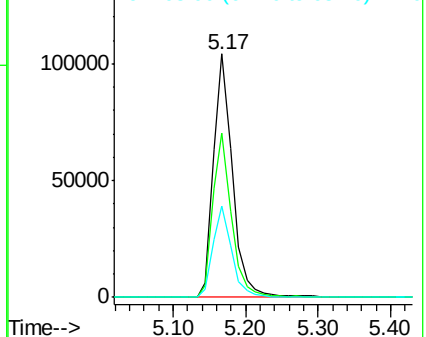
63 37.6 27.8 41.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 95.96 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF076815.D

Acq: 12 Jan 2015 18:56

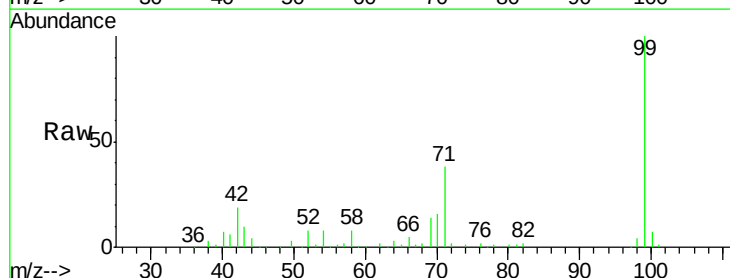
Tgt Ion: 99 Resp: 245244

Ion Ratio Lower Upper

99 100

42 18.7 13.3 19.9

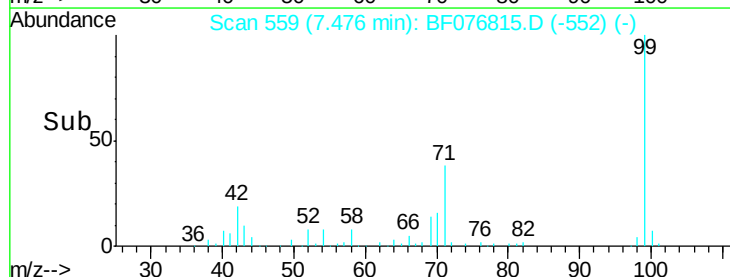
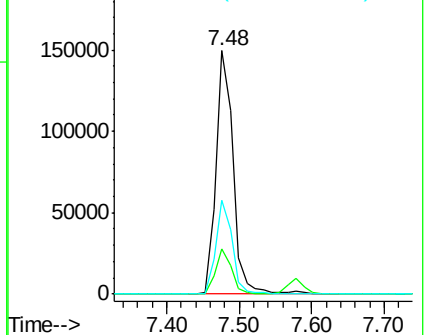
71 38.3 29.2 43.8

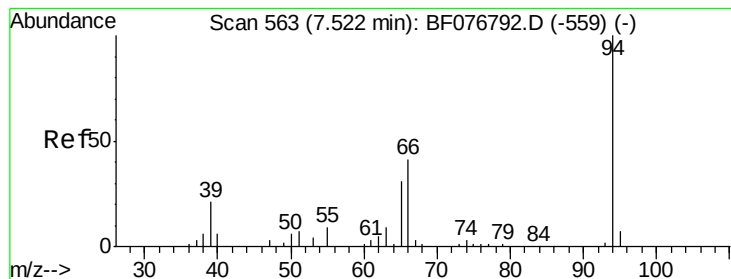


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.08 ng

RT: 7.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF076815.D

Acq: 12 Jan 2015 18:56

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-GRAB-3

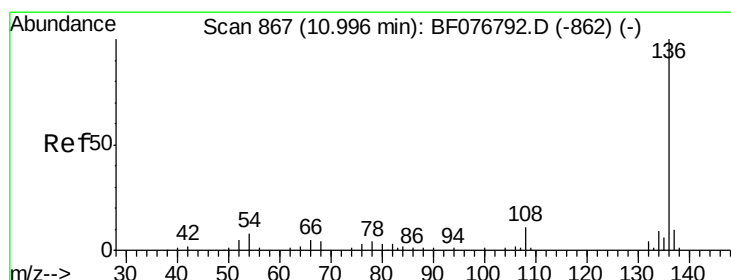
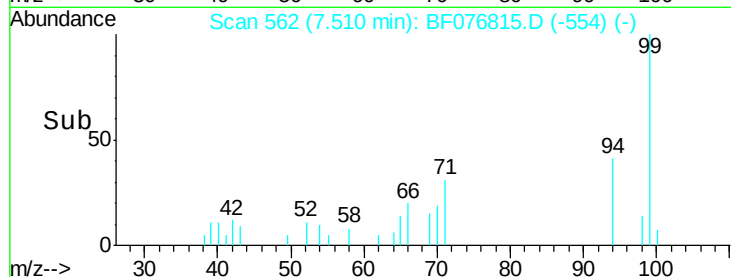
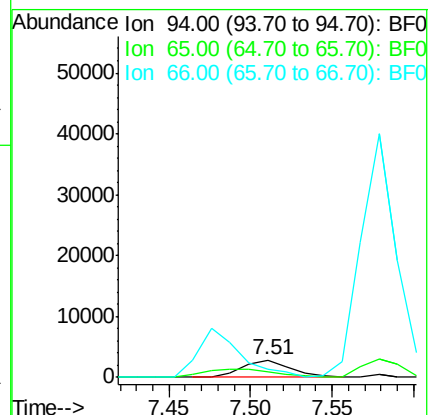
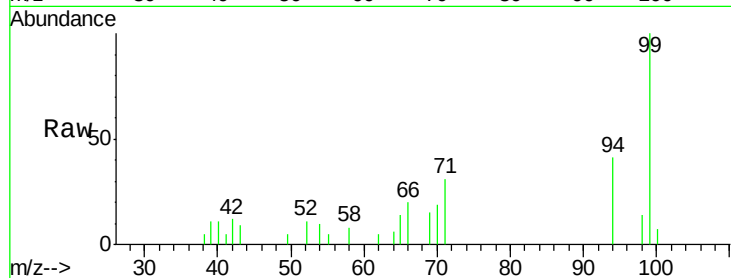
Tgt Ion: 94 Resp: 5784

Ion Ratio Lower Upper

94 100

65 32.7 11.6 51.6

66 47.2 22.3 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF076815.D

Acq: 12 Jan 2015 18:56

Tgt Ion: 136 Resp: 146392

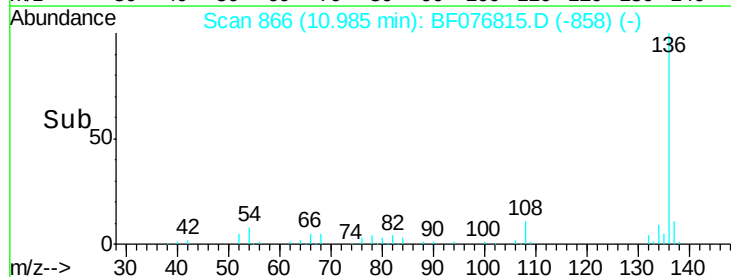
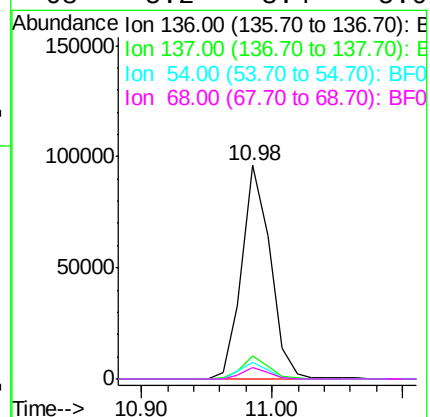
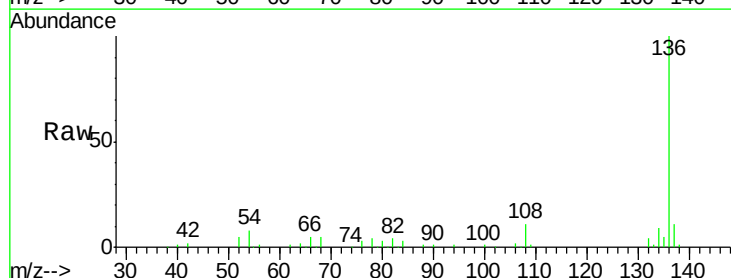
Ion Ratio Lower Upper

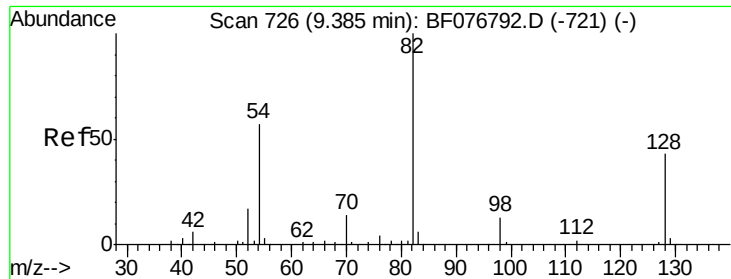
136 100

137 10.8 8.1 12.1

54 8.0 6.3 9.5

68 5.2 3.4 5.0#

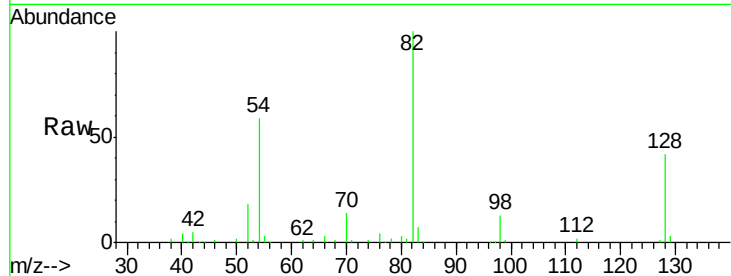




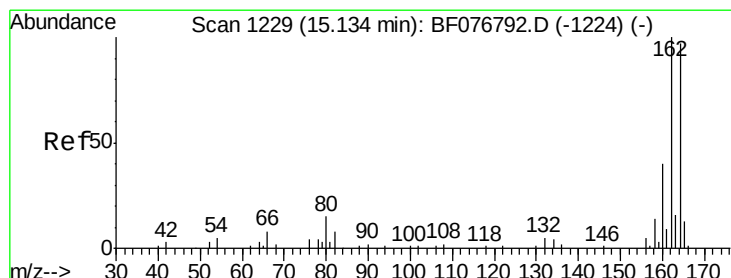
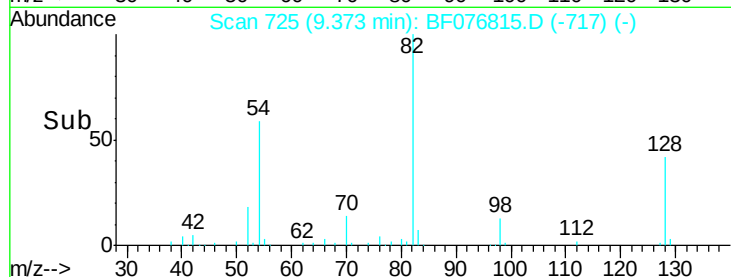
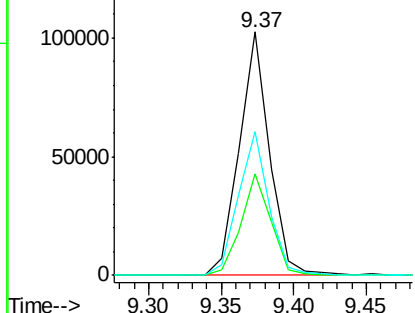
#23
 Nitrobenzene-d5
 Concen: 55.80 ng
 RT: 9.37 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF076815.D
 Acq: 12 Jan 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-GRAB-3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.0	51.0
54	59.2	45.6	68.4

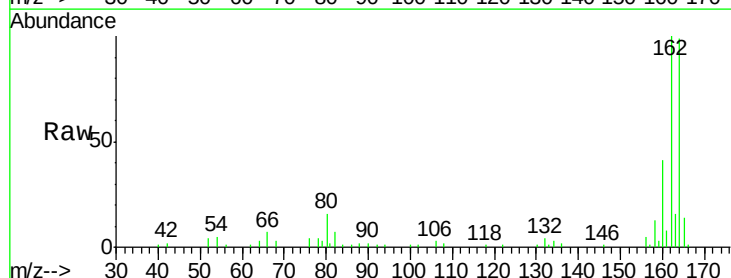


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

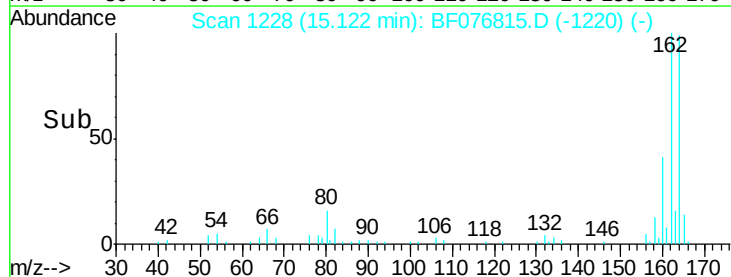
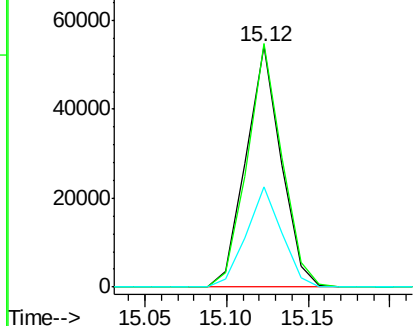


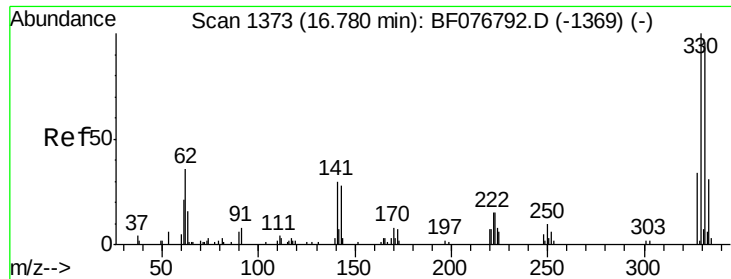
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF076815.D
 Acq: 12 Jan 2015 18:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.5	123.7
160	41.7	33.1	49.7



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

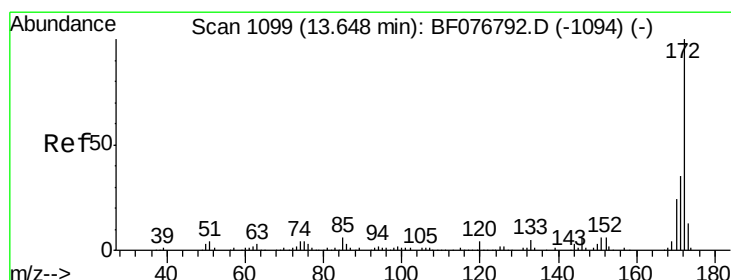
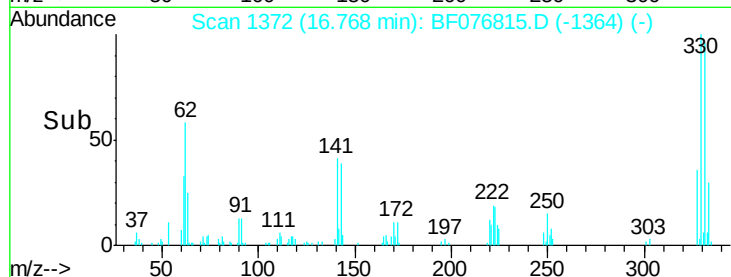
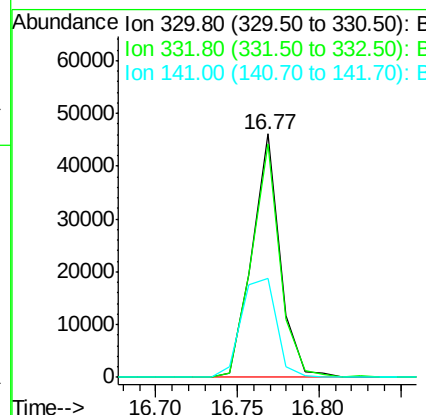
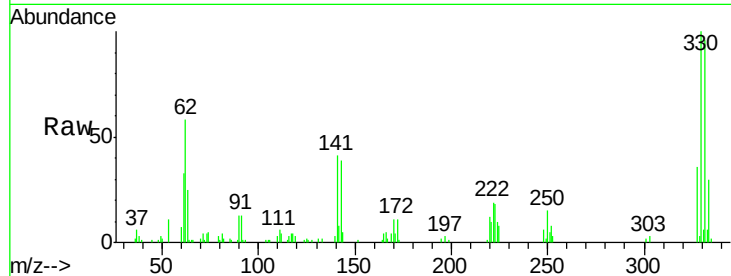




#41
 2,4,6-Tribromophenol
 Concen: 81.19 ng
 RT: 16.77 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF076815.D
 Acq: 12 Jan 2015 18:56

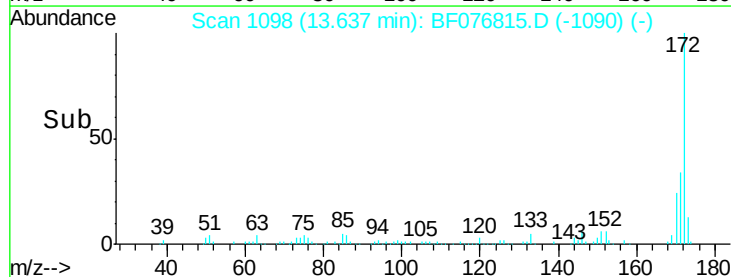
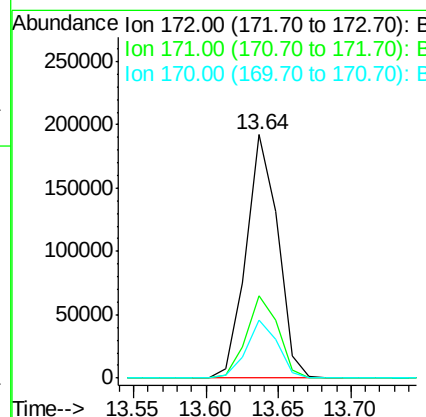
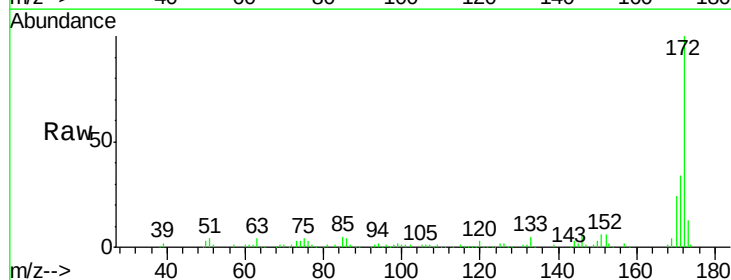
Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-GRAB-3

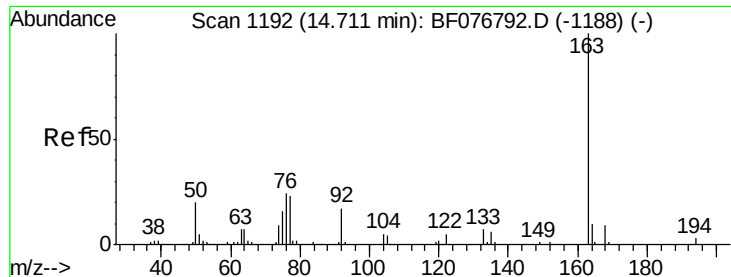
Tgt Ion:330 Resp: 54875
 Ion Ratio Lower Upper
 330 100
 332 96.5 74.8 112.2
 141 50.9 42.4 63.6



#44
 2-Fluorobiphenyl
 Concen: 53.32 ng
 RT: 13.64 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF076815.D
 Acq: 12 Jan 2015 18:56

Tgt Ion:172 Resp: 293377
 Ion Ratio Lower Upper
 172 100
 171 33.6 27.8 41.8
 170 23.8 18.8 28.2

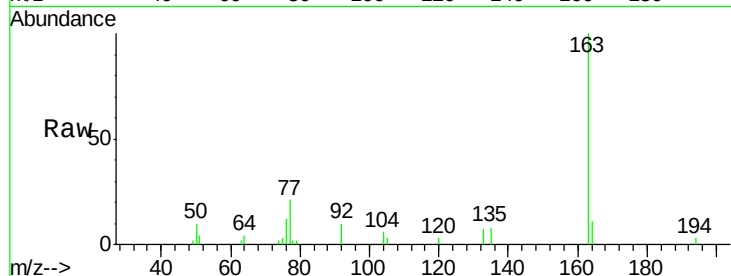




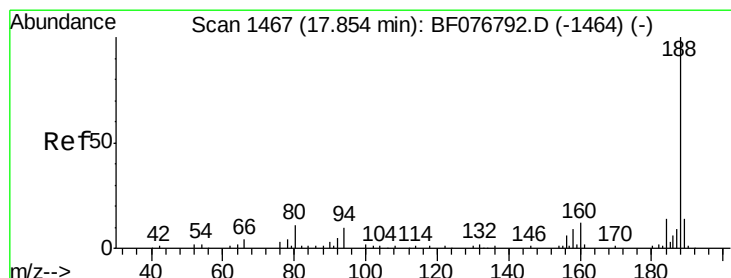
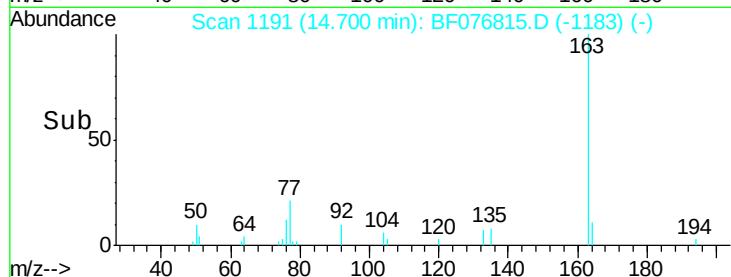
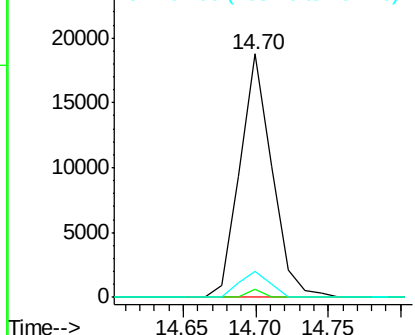
#49
Dimethylphthalate
Concen: 4.89 ng
RT: 14.70 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB-3

Tgt Ion:163 Resp: 28803
Ion Ratio Lower Upper
163 100
194 3.1 2.3 3.5
164 10.8 8.3 12.5

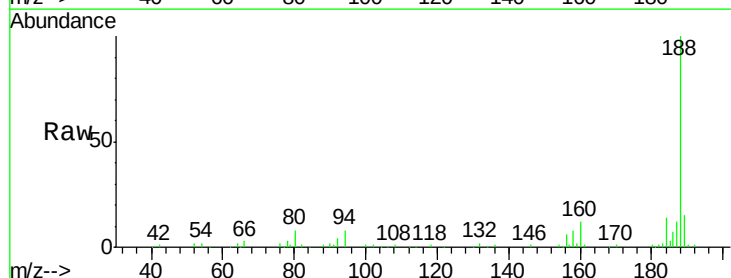


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

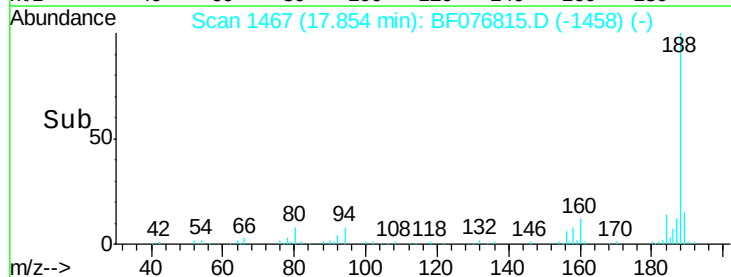
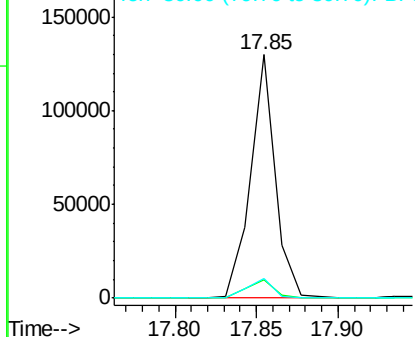


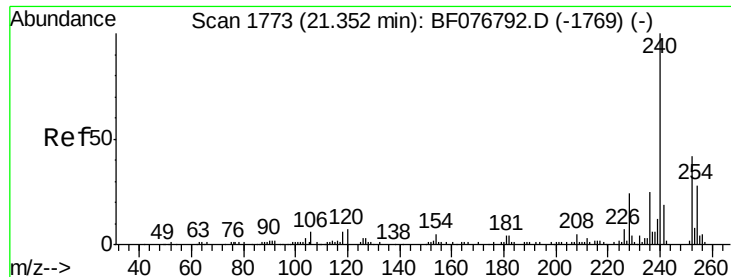
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Tgt Ion:188 Resp: 136071
Ion Ratio Lower Upper
188 100
94 7.7 7.8 11.6#
80 8.2 8.6 13.0#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.34 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF076815.D

Acq: 12 Jan 2015 18:56

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-GRAB-3

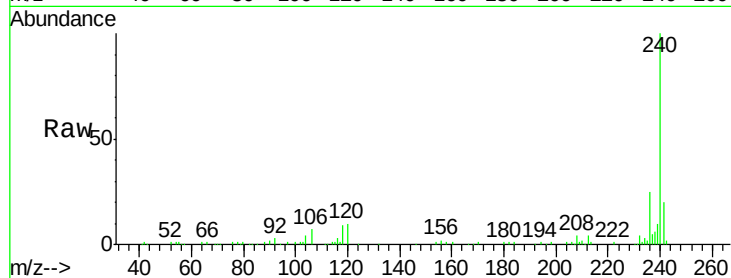
Tgt Ion:240 Resp: 128014

Ion Ratio Lower Upper

240 100

120 9.7 5.7 8.5#

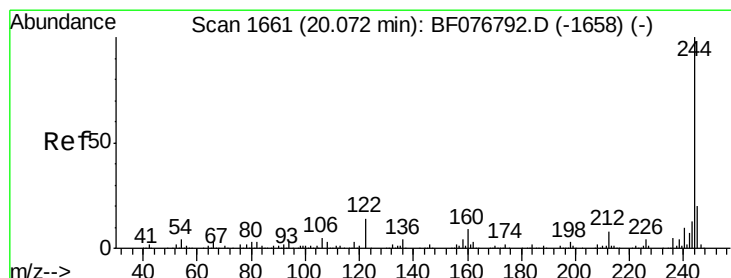
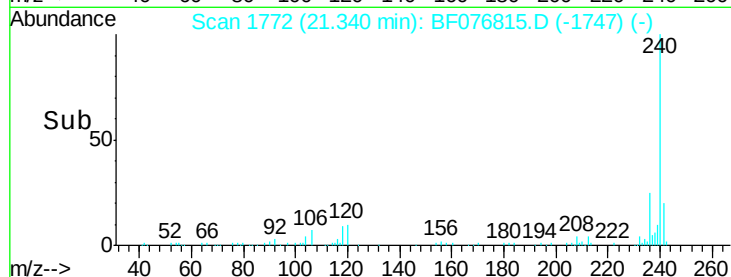
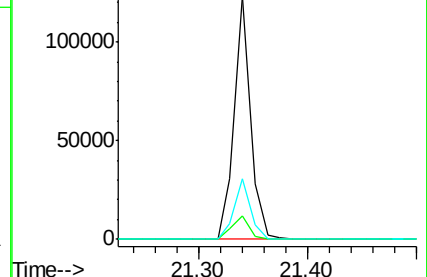
236 24.7 19.7 29.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 49.96 ng

RT: 20.07 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BF076815.D

Acq: 12 Jan 2015 18:56

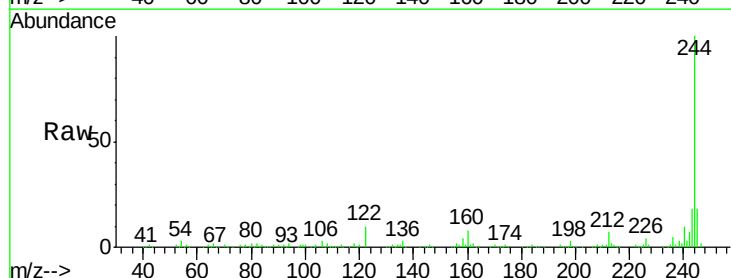
Tgt Ion:244 Resp: 291267

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

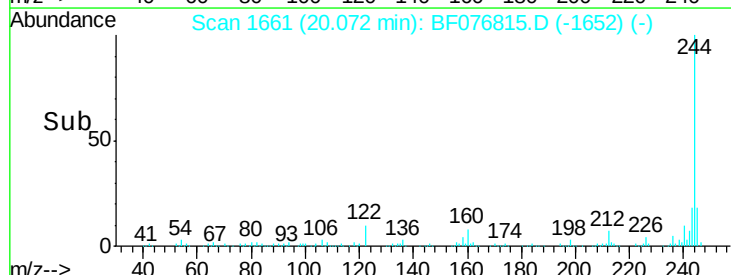
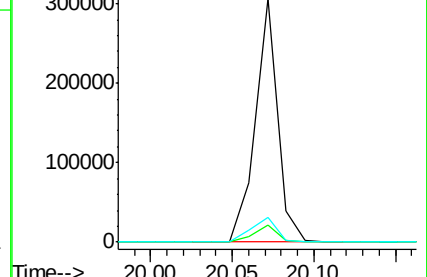
122 10.0 11.3 16.9#

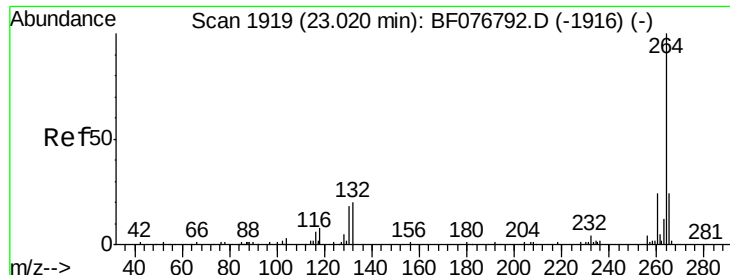


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

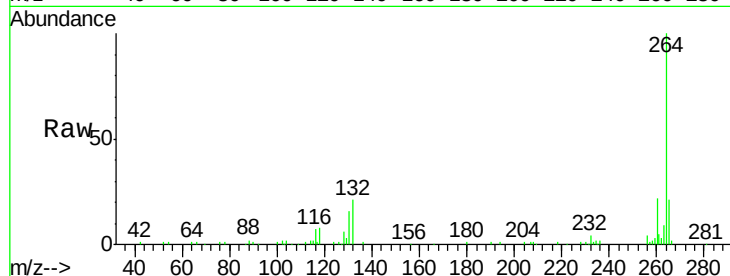




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.04 min Scan# 1921
Delta R.T. 0.02 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB-3

Tgt Ion: 264 Resp: 116248
Ion Ratio Lower Upper
264 100
260 21.6 19.4 29.0
265 21.0 18.9 28.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

